

<b>DISPATCH</b>		CLASSIFICATION <b>SECRET</b>	DISPATCH SYMBOL AND NO. <div></div>	25X1
TO INFO	<div></div>	HEADQUARTERS FILE NO. <b>REF: AQUATIC</b>		25X1
FROM <b>Chief, KURIOT</b>		DATE		
SUBJECT <b>AQUATIC/Operational Air-Fed Incinerator</b>		RE: "43-3" — (CHECK "X" ONE) <div></div> <div></div> <div><b>XX</b></div>	MARKED FOR INDEXING NO INDEXING REQUIRED INDEXING CAN BE JUDGED BY QUALIFIED HQ. DESK ONLY	
ACTION REQUIRED <b>None</b>				
REFERENCE(S) <div></div>				25X1
<p>1. Headquarters is pleased to learn that <div></div> may have use for incinerators similar to the type developed by KURIOT.</p>				25X1
<p>2. <div></div> should be made aware that when the program was initiated for the development of an air-fed incinerator the basic use of the incinerator was to be emergency destruction. After the first unit was installed at <div></div> decided this incinerator would be used for the routine destruction of its classified waste files.</p>				25X1
<p>3. Explaining the amount of effluent emitted is rather difficult. At no time does the effluent emission ever exceed a number 2 on the Ringleman Smoke Chart. During operation, with the exception of the time when feeding is taking place, the emission is closer to <math>\frac{1}{2}</math> on the Ringleman Chart. During burning a slight gray haze, from the clay in the paper being exhausted, appears at the end of the stack. Black flecks will appear as small pieces of fly-ash are emitted. Unfortunately there isn't too much information available since only two units are presently in use. As soon as the three additional incinerators are placed in the field, more information of this type should become available.</p>				25X1
<p>4. Using the air-fed incinerator located in the headquarters area, two engineers were able to destroy 2,276 pounds of paper in approximately six hours. One man was able to destroy approximately 2,000 pounds of paper in an eight hour day. This paper was packed in one cubic foot boxes. Most of these boxes were opened and the contents were thrown into the burning chamber. The fibreboard boxes were destroyed at the end of the day. Burning at these rates will keep the operators relatively busy, but not overburdened.</p>				
<p>5. The incinerator presently located at <div></div> is equipped with two motor-blower combinations (electrical motor-blower and gasoline engine-blower). The electrical motor and blower unit is connected to the air inlet duct provided. The motor, in this case, runs off the available city current. Should the city current be cut off for some reason, an emergency generator located elsewhere in the building will come on and provide the necessary current. However, should the emergency generator, for some reason, fail, a 9.2 HP gasoline engine-blower unit is sitting adjacent to the electrical motor-blower and can be utilized by disconnecting one and connecting the other. A new program has recently been initiated to build a power-blower set consisting of one fan along with an electrical motor and gasoline engine. Using this combination set, an operator may go from one source of power to another by use of a clutch and belt arrangement. The first design of this type is now being built.</p>				25X1
<p>6. Enclosed in a separate envelope is a complete new set of engineering drawings and a tentative set of manufacturing specifications for</p>				
<div>008632</div> <div>15</div> <div>REV DATE 2 July 80 BY 057447</div> <div>056</div> <div>56</div> <div>TYPE 10</div> <div>5</div> <div>2</div> <div>REV CLASS</div> <div>22</div> <div>NEXT REV 3010</div> <div>ADVIS: RN 10-2</div>				
FORM 10-57 53 (40)	USE PREVIOUS EDITION. REPLACES FORMS 51-28, 51-28A AND 51-29 WHICH ARE OBSOLETE.	CLASSIFICATION <b>SECRET</b>	<div><b>XX</b></div> CONTINUED	PAGE NO. <b>1</b>

CONTINUATION OF DISPATCH	CLASSIFICATION  S E C R E T	DISPATCH SYMBOL AND NO.  25X1
<p>this model incinerator. It would further be appreciated if [redacted] would keep headquarters informed of any suggestions he may have. As he starts to fabricate his incinerator we would like to know of his progress plus what changes he saw fit to make on his unit.</p> <p>[redacted]</p>		
<p>Attachment: One Package</p> <p>25 August 1960</p> <p>Distribution: 3 - [redacted] w/attachment</p> <ul style="list-style-type: none"><li>1 - TSD/SRS wo/attach</li><li>2 - WE/6 wo/attach</li><li>1 - EB Br File wo/attach</li><li>1 - EB Chrono wo/attach</li><li>1 - EB-178B-1 wo/attach</li></ul> <p>DD/P/TSD/EB/mt</p>		
FORM 10-57 53a (40)	USE PREVIOUS EDITION. REPLACES FORMS 51-28, 51-28A AND 51-29 WHICH ARE OBSOLETE.  S E C R E T	<input type="checkbox"/> CONTINUED  PAGE NO. 2